| Project Title   | Funding   | Strategic Plan Objective | Institution                                    |
|---|-----------|--------------------------|--|
| Whole-exome sequencing to identify causative genes for autism   | \$350,000 | Q3.L.B                   | University of California, San Diego            |
| Vitamin D status and autism spectrum disorder: Is there an association?   | \$0       | Q3.S.C                   | University of California, Davis                |
| Visual processing and later cognitive effects in infants with fragile X syndrome                                | \$237,070 | Q1.Other                 | University of California, Davis                |
| Validity of a web-based indirect Skills Assessment  | \$67,000  | Q5.L.A                   | Center for Autism and Related Disorders (CARD) |
| Validation of a Korean version of the QABF with children with ASD   | \$10,320  | Q1.S.B                   | Center for Autism and Related Disorders (CARD) |
| Using iPS cells to study genetically defined forms with autism  | \$100,000 | Q4.S.B                   | Stanford University                            |
| Using induced pluripotent stem cells to identify cellular phenotypes of autism                                  | \$792,000 | Q4.S.B                   | Stanford University                            |
| Using fruit flies to map the network of autism-associated genes   | \$31,249  | Q2.Other                 | University of California, San Diego            |
| UC Davis Center for Children's Environmental Health (CCEH) (supplement)   | \$130,000 | Q3.L.D                   | University of California, Davis                |
| Typical and pathological cellular development of the human amygdala   | \$383,750 | Q2.Other                 | University of California, Davis                |
| Transporting evidence-based practices from the academy to the community: School-based CBT for children with ASD | \$20,000  | Q5.L.C                   | University of California, Los Angeles          |
| Translating pivotal response training into classroom environments   | \$0       | Q4.L.D                   | Rady Children's Hospital Health Center         |
| Translating autism intervention for mental health services via knowledge exchange                               | \$172,585 | Q5.L.A                   | University of California, San Diego            |
| Transdisciplinary approaches to autism spectrum disorders   | \$299,536 | Q5.Other                 | San Diego State University Foundation          |
| Training & research for autism & collaboration in kinesiology   | \$250,000 | Q5.Other                 | Chico Research Foundation                      |
| Towards an endophenotype for amygdala dysfunction   | \$380,304 | Q2.Other                 | California Institute of Technology             |
| The role of MeCP2 in Rett syndrome (supplement)   | \$38,273  | Q2.S.D                   | University of California, Davis                |
| The role of MeCP2 in Rett syndrome  | \$329,781 | Q2.S.D                   | University of California, Davis                |
| The role of Fox-1 in neurodevelopment and autistic spectrum disorder  | \$145,757 | Q2.Other                 | University of California, Los Angeles          |
| The mechanism of the maternal infection risk factor for autism  | \$0       | Q2.S.A                   | California Institute of Technology             |
| The functions of stereotypy in children with ASD  | \$11,095  | Q1.L.C                   | Center for Autism and Related Disorders (CARD) |
| The effects of breaks in services on skill regression in children with ASD                                      | \$19,105  | Q5.S.A                   | Center for Autism and Related Disorders (CARD) |
| The effectiveness of an evidence-based parent training intervention in a community service setting              | \$28,000  | Q4.L.D                   | University of California, San Diego            |
| The CHARGE Study: CHildhood Autism Risks from Genetics and the Environment                                      | \$965,562 | Q3.S.C                   | University of California, Davis                |

| Project Title  | Funding   | Strategic Plan Objective | Institution                                    |  |
|--|-----------|--------------------------|--|--|
| Teaching stranger safety skills to children with autism  | \$25,000  | Q5.L.D                   | Center for Autism and Related Disorders (CARD) |  |
| Feaching children with autism to seek help when lost   | \$25,000  | Q5.L.D                   | Center for Autism and Related Disorders (CARD) |  |
| Feaching children with autism to respond to subtle social cues: Desires  | \$29,151  | Q4.L.D                   | Center for Autism and Related Disorders (CARD) |  |
| eaching children with autism to identify social saliency: chifting attention   | \$29,150  | Q4.L.D                   | Center for Autism and Related Disorders (CARD) |  |
| eaching children with ASD to understand sarcasm  | \$40,811  | Q4.Other                 | Center for Autism and Related Disorders (CARD) |  |
| eaching children with ASD to understand metaphor   | \$53,863  | Q4.Other                 | Center for Autism and Related Disorders (CARD) |  |
| eaching children with ASD to tell socially appropriate white lies"   | \$18,078  | Q4.Other                 | Center for Autism and Related Disorders (CARD) |  |
| ynchronous activity in networks of electrically coupled ortical interneurons   | \$0       | Q2.Other                 | University of California, Davis                |  |
| synaptic deficits of iPS cell-derived neurons from atients with autism   | \$86,446  | Q4.S.B                   | Stanford University                            |  |
| Sustaining evidence-based practice for young learners<br>with autism spectrum disorders through a M.A. degree<br>program | \$199,997 | Q5.Other                 | San Diego State University                     |  |
| successful transition in the early school years for hildren with autism  | \$398,103 | Q5.Other                 | University of California, Riverside            |  |
| Studying the biology and behavior of autism at 1-year:<br>The Well-Baby Check-Up approach                                | \$272,245 | Q1.L.A                   | University of California, San Diego            |  |
| Structural brain differences between autistic and processing processing processing processing and processing structures. | \$13,020  | Q2.Other                 | Stanford University                            |  |
| structural and functional connectivity of large-scale brain etworks in autism spectrum disorders                         | \$168,978 | Q2.Other                 | Stanford University                            |  |
| strengthening the effects of parent-implemented early intervention to improve symptoms of ASD                            | \$0       | Q4.S.D                   | University of California, Davis                |  |
| ocial skills training for young adults with autism pectrum disorders   | \$0       | Q6.L.A                   | University of California, Los Angeles          |  |
| ocial and affective components of communication  | \$298,757 | Q2.Other                 | Salk Institute For Biological Studies          |  |
| ingle-unit recordings from the amygdala in people with utism   | \$54,000  | Q2.S.E                   | California Institute of Technology             |  |
| imons Variation in Individuals Project (VIP) Functional maging Site  | \$320,196 | Q2.S.G                   | University of California, San Francisco        |  |
| imons Variation in Individuals Project (VIP) Core<br>leuroimaging Support Site   | \$368,786 | Q2.S.G                   | University of California, San Francisco        |  |
| imons Variation in Individuals Project (Simons VIP) ore Leader Gift  | \$12,980  | Q2.S.G                   | University of California, San Francisco        |  |
| imons Simplex Collection Site  | \$277,643 | Q3.L.B                   | University of California, Los Angeles          |  |
| ensory over responsivity & anxiety in youth with autism  | \$33,337  | Q4.Other                 | University of California, Los Angeles          |  |

| Project Title  | Funding   | Strategic Plan Objective | Institution                                    |  |
|--|-----------|--------------------------|--|--|
| Sensory adapted dental environments to enhance oral care for children with autism  | \$234,424 | Q5.L.E                   | University of Southern California              |  |
| Self-regulation and sleep in children at risk for autism spectrum disorders  | \$90,000  | Q2.S.E                   | University of California, Davis                |  |
| Safety and efficacy of complementary and alternative medicine for autism spectrum disorders  | \$0       | Q4.S.C                   | University of California, San Francisco        |  |
| Role of negative regulators of FGF signaling in frontal cortex development and autism  | \$0       | Q2.Other                 | University of California, San Francisco        |  |
| Role of micro-RNAs in ASD affected circuit formation and function  | \$127,383 | Q2.Other                 | University of California, San Francisco        |  |
| Role of autism-susceptibility gene, CNTNAP2, in neural circuitry for vocal communication   | \$0       | Q2.Other                 | University of California, Los Angeles          |  |
| Role of a novel Wnt pathway in autism spectrum disorders   | \$600,000 | Q4.S.B                   | University of California, San Francisco        |  |
| Revealing protein synthesis defects in fragile X syndrome with new chemical tools  | \$315,341 | Q2.S.D                   | Stanford University                            |  |
| Relating copy number variants to head and brain size in neuropsychiatric disorders   | \$374,659 | Q2.S.G                   | University of California, San Diego            |  |
| Regulation of activity-dependent ProSAp2 synaptic dynamics   | \$33,879  | Q2.Other                 | Stanford University                            |  |
| Rapid phenotyping for rare variant discovery in autism   | \$645,169 | Q3.S.A                   | University of California, Los Angeles          |  |
| Psychometric evaluation of the QABF in children with ASD   | \$11,069  | Q1.Other                 | Center for Autism and Related Disorders (CARD) |  |
| Project Mosaic: Preparing highly qualified educators to<br>neet the unique needs of students with autism in diverse<br>settings  | \$0       | Q5.L.C                   | San Francisco State University                 |  |
| Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings | \$249,272 | Q5.L.C                   | San Francisco State University                 |  |
| Project CAT (Comprehensive Autism Teaching)  | \$199,988 | Q5.L.C                   | Touro University                               |  |
| Project 1: Effect of multi-level environmental exposure on birth outcomes  | \$30,931  | Q3.S.C                   | University of California, Berkeley             |  |
| Probing a monogenic form of autism from molecules to<br>behavior   | \$187,500 | Q2.S.D                   | Stanford University                            |  |
| Primate models of autism   | \$75,629  | Q2.S.A                   | University of California, Davis                |  |
| Preventing autism via very early detection and intervention  | \$14,256  | Q4.L.B                   | Center for Autism and Related Disorders (CARD) |  |
| Presynaptic regulation of quantal size by the cation/H+  | \$29,650  | Q2.Other                 | University of California, Berkeley             |  |

| Project Title  | Funding   | Strategic Plan Objective | Institution                             |
|--|-----------|--------------------------|---|
| Preparing special educators to be leaders in the implementation of effective techniques for supporting children and youth with autism spectrum disorders | \$0       | Q5.Other                 | Santa Clara University                  |
| Prenatal and neonatal biologic markers for autism  | \$610,723 | Q3.S.C                   | Kaiser Foundation Research Institute    |
| Prelinguistic symptoms of autism spectrum disorders in infancy   | \$0       | Q4.S.F                   | University of California, Los Angeles   |
| Pivotal response group treatment for parents of young children with autism   | \$99,883  | Q4.L.D                   | Stanford University                     |
| Personnel development to improve services and results for children with disabilities   | \$299,997 | Q5.L.C                   | San Diego State University Foundation   |
| Perinatal exposure to airborne pollutants and associations with autism phenotype   | \$0       | Q3.S.C                   | University of Southern California       |
| Novel probiotic therapies for autism   | \$0       | Q4.S.B                   | California Institute of Technology      |
| New Families, Agencies, Communities, and Educational Strategies (FACES) in early childhood special education   | \$0       | Q5.L.C                   | San Jose State University Foundation    |
| Neuroligins and neurexins as autism candidate genes:<br>Study of their association in synaptic connectivity  | \$0       | Q2.Other                 | University of California, San Diego     |
| Neuroimaging & symptom domains in autism   | \$10,135  | Q1.L.B                   | University of California, Los Angeles   |
| Neurodevelopmental mechanisms of social behavior (supplement)  | \$198,063 | Q2.Other                 | University of Southern California       |
| Neurodevelopmental mechanisms of social behavior   | \$331,208 | Q2.Other                 | University of Southern California       |
| Neurocognitive mechanisms underlying children's theory of mind development   | \$74,160  | Q2.Other                 | University of California, San Diego     |
| Neurocognitive markers of response to treatment in autism  | \$75,983  | Q4.S.F                   | University of California, Davis         |
| Neurobiology of RAI1, the causal gene for Smith-<br>Magenis syndrome   | \$31,022  | Q2.S.D                   | Stanford University                     |
| Neural predictors of language acquisition after intensive behavioral intervention  | \$181,207 | Q1.L.B                   | University of California, Los Angeles   |
| Neural mechanisms of tactile sensation in rodent somatosensory cortex  | \$256,605 | Q2.Other                 | University of California, Berkeley      |
| Neural mechanisms of imitative behavior: Implications for mental health  | \$32,696  | Q2.Other                 | University of California, Los Angeles   |
| Neural basis of cross-modal influences on perception   | \$154,104 | Q2.Other                 | University of California, San Diego     |
| Neocortical mechanisms of categorical speech perception  | \$240,744 | Q2.Other                 | University of California, San Francisco |
| Mutliple social tasks and social adjustment  | \$143,550 | Q1.L.B                   | California State University, Northridge |
| Multisensory integration in children with ASD  | \$229,813 | Q2.Other                 | University of California, Davis         |
| Modulation of fxr1 splicing as a treatment strategy for autism in fracile X syndrome   | \$0       | Q2.S.D                   | Stanford University                     |

| Project Title   | Funding   | Strategic Plan Objective | Institution                                 |
|---|-----------|--------------------------|---|
| MET signaling in neural development and circuitry formation   | \$83,810  | Q2.Other                 | University of Southern California           |
| Mesocorticolimbic dopamine circuitry in mouse models of autism  | \$87,337  | Q2.S.D                   | Stanford University                         |
| Mechanism of UBE3A imprint in neurodevelopment  | \$33,616  | Q2.S.D                   | University of California, Davis             |
| Mathematical cognition in autism: A cognitive and systems neuroscience approach   | \$657,886 | Q2.Other                 | Stanford University                         |
| Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development | \$108,375 | Q2.S.A                   | Stanford University                         |
| Magnetic source imaging and sensory behavioral characterization in autism   | \$176,229 | Q1.L.B                   | University of California, San Francisco     |
| L-type calcium channel regulation of neuronal differentiation   | \$32,129  | Q2.S.D                   | Stanford University                         |
| Linking local activity and functional connectivity in autism  | \$365,655 | Q2.Other                 | San Diego State University                  |
| Limbic system function in carriers of the fragile X premutation (supplement)  | \$382,500 | Q2.S.D                   | University of California, Davis             |
| Limbic system function in carriers of the fragile X premutation   | \$677,700 | Q2.S.D                   | University of California, Davis             |
| Learning in autism spectrum disorders   | \$0       | Q2.Other                 | University of California, Davis             |
| Leading Excellence for Academic Positions in Special Education (LEAPS)  | \$244,984 | Q7.K                     | The Regents Of The University Of California |
| Kinetics of drug macromolecule complex formation  | \$712,920 | Q2.Other                 | University of California, San Diego         |
| Investigating brain connectivity in autism at the whole-brain level   | \$90,000  | Q2.Other                 | California Institute of Technology          |
| Internet-based trial of omega-3 fatty acids for autism spectrum disorder  | \$62,500  | Q4.S.C                   | University of California, San Francisco     |
| International Meeting for Autism Research (IMFAR)   | \$47,822  | Q7.K                     | University of California, Davis             |
| Interdisciplinary training for autism researchers   | \$344,214 | Q7.K                     | University of California, Davis             |
| Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders -2  | \$0       | Q4.S.B                   | Burnham Institute                           |
| Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders - 1                                       | \$0       | Q4.S.B                   | Burnham Institute                           |
| Integrative functions of the planum temporale   | \$479,898 | Q2.Other                 | University of California, Irvine            |
| Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism   | \$0       | Q4.S.F                   | San Francisco State University              |
| INT2-Large: Collaborative research: Developing social robots  | \$0       | Q1.Other                 | University of California, San Diego         |
| Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome  | \$291,260 | Q4.S.B                   | University of California, San Francisco     |

| Project Title   | Funding     | Strategic Plan Objective | Institution                                    |
|---|-------------|--------------------------|--|
| Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)  | \$0         | Q5.L.A                   | University of Southern California              |
| Inhibitory mechanisms for sensory map plasticity in cerebral cortex   | \$320,399   | Q2.Other                 | University of California, Berkeley             |
| Infants at risk of autism: A longitudinal study   | \$582,633   | Q1.L.A                   | University of California, Davis                |
| Infants' developing representation of object function   | \$0         | Q2.Other                 | University of California, Davis                |
| Increasing flexibility in children with autism  | \$40,811    | Q4.L.D                   | Center for Autism and Related Disorders (CARD) |
| Improving synchronization and functional connectivity in autism spectrum disorders through plasticity-induced rehabilitation training | \$0         | Q4.S.F                   | University of California, San Diego            |
| Impact of an autism associated mutation in DACT1 on brain development and behavior  | \$0         | Q4.S.B                   | University of California, San Francisco        |
| Imaging PTEN-induced changes in adult cortical structure and function in vivo   | \$300,339   | Q2.Other                 | University of California, Los Angeles          |
| Illumina, Inc.  | \$1,471,725 | Q3.L.B                   | Illumina, Inc.                                 |
| Identification of autism genes that regulate synaptic NRX/NLG signaling complexes   | \$231,066   | Q4.S.B                   | Stanford University                            |
| How does IL-6 mediate the development of autism-related behaviors?  | \$0         | Q2.S.A                   | California Institute of Technology             |
| HCC-Medium: Personalized socially-assistive human-<br>robot interaction: Applications to autism spectrum<br>disorder                  | \$28,756    | Q4.Other                 | University of Southern California              |
| HCC:Small:Computational studies of social nonverbal communication   | \$0         | Q2.Other                 | University of Southern California              |
| Glutamate signaling in children with autism spectrum disorder   | \$57,840    | Q2.Other                 | University of California, Davis                |
| Global & targeted profiling of protein, phospho and O-GlcNAc to understand synapses   | \$994       | Q2.Other                 | University of California, San Francisco        |
| Genotype-phenotype relationships in fragile X families  | \$530,124   | Q2.S.D                   | University of California, Davis                |
| Genome-wide expression profiling data analysis to study autism genetic models   | \$28,000    | Q3.S.A                   | University of California, Los Angeles          |
| Genetic components influencing the feline - human social bond   | \$73,680    | Q4.Other                 | University of California, Davis                |
| GABA(A) and prenatal immune events leading to autism  | \$62,500    | Q2.S.A                   | Stanford University                            |
| Further studies on the role of desulfovibrio in regressive autism   | \$30,000    | Q3.S.I                   | VA Medical Center, Los Angeles                 |
| Function of neurexins   | \$466,651   | Q2.Other                 | Stanford University                            |
| Function and structure adaptations in forebrain development   | \$541,770   | Q2.Other                 | University of Southern California              |
| Function and dysfunction of neuroligins in synaptic circuits  | \$450,000   | Q2.Other                 | Stanford University                            |

| Project Title   | Funding   | Strategic Plan Objective | Institution   |  |
|---|-----------|--------------------------|---|--|
| Functional role of IL-6 in fetal brain development and abnormal behavior  | \$41,800  | Q2.Other                 | California Institute of Technology                    |  |
| Functional analysis of neurexin IV in Drosophila  | \$68,652  | Q2.Other                 | University of California, Los Angeles                 |  |
| Frontostriatal synaptic dysfunction in a model of autism  | \$48,398  | Q2.Other                 | Stanford University                                   |  |
| fMRI study of reward responsiveness of children with autism spectrum disorder   | \$53,566  | Q2.Other                 | University of California, Los Angeles                 |  |
| fMRI studies of neural dysfunction in autistic toddlers   | \$536,393 | Q2.Other                 | University of California, San Diego                   |  |
| Finding and keeping the best: A rural regional<br>partnership for recruiting and retaining teachers for<br>children with low incidence disabilities | \$200,000 | Q5.Other                 | California State University Chico Research Foundation |  |
| Face perception: Mapping psychological spaces to neural responses   | \$79,992  | Q2.Other                 | Stanford University                                   |  |
| Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells  | \$368,475 | Q4.S.B                   | Stanford University                                   |  |
| Experience and cognitive development in infancy   | \$100,798 | Q2.Other                 | University of California, Davis                       |  |
| Expanding the reach of toddler treatment in autism  | \$10,000  | Q4.L.D                   | University of California, Davis                       |  |
| Evaluation of the immune and physiologic response in children with autism following immune challenge  | \$327,735 | Q3.S.E                   | University of California, Davis                       |  |
| Evaluation of the effects of web-based support on teacher self-efficacy   | \$29,150  | Q5.L.A                   | Center for Autism and Related Disorders (CARD)        |  |
| Evaluating differential patterns of dishabituation in children with ASD   | \$17,025  | Q4.Other                 | Center for Autism and Related Disorders (CARD)        |  |
| Etiology of autism risk involving MET gene and the environment  | \$0       | Q3.S.E                   | University of California, Davis                       |  |
| Establishing conditioned reinforcers for children with ASD  | \$43,056  | Q4.Other                 | Center for Autism and Related Disorders (CARD)        |  |
| Establishing compliance with dental procedures in children with ASD   | \$10,832  | Q5.L.E                   | Center for Autism and Related Disorders (CARD)        |  |
| Epigenetic biomarkers of autism in human placenta   | \$576,142 | Q1.L.A                   | University of California, Davis                       |  |
| Epigenetic and transcriptional dysregulation in autism spectrum disorder  | \$764,608 | Q3.S.J                   | University of California, Los Angeles                 |  |
| EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis   | \$0       | Q3.S.C                   | University of California, Davis                       |  |
| Elucidation of the developmental role of Jakmip1, an autism-susceptibility gene   | \$31,042  | Q2.Other                 | University of California, Los Angeles                 |  |
| Electrophysiological correlates of cognitive control in autism  | \$129,098 | Q1.L.B                   | University of California, Davis                       |  |
| Effect of abnormal calcium influx on social behavior in autism  | \$31,250  | Q4.S.B                   | University of California, San Francisco               |  |
| Early exposure to acetaminophen and autism  | \$0       | Q3.S.F                   | University of California, Davis                       |  |

| Project Title  | Funding   | Strategic Plan Objective | Institution  |  |
|--|-----------|--------------------------|--|--|
| Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism        | \$103,536 | Q4.S.C                   | University of California, Davis                                  |  |
| Dissecting the neural control of social attachment   | \$764,776 | Q4.S.B                   | University of California, San Francisco                          |  |
| Dissecting expression regulation of an autism GWAS hit   | \$15,000  | Q3.L.B                   | University of California, San Francisco                          |  |
| Development of the functional neural systems for face expertise  | \$505,729 | Q2.Other                 | University of California, San Diego                              |  |
| Development of neural pathways in infants at risk for autism spectrum disorders  | \$312,028 | Q1.L.A                   | University of California, San Diego                              |  |
| Developmental and augmented intervention for facilitating expressive language  | \$626,381 | Q4.S.G                   | University of California, Los Angeles                            |  |
| Developing a new model system to study mechanisms of attention control   | \$60,000  | Q4.S.B                   | Stanford University  |  |
| Deployment focused model of JASPER for preschoolers with autism spectrum disorders   | \$150,000 | Q4.L.D                   | University of California, Los Angeles                            |  |
| Defining the underlying biology of gastrointestinal dysfunction in autism  | \$384,971 | Q3.S.I                   | University of California, Davis                                  |  |
| Decoding 'what' and 'who' in the auditory system of children with autism spectrum disorders  | \$237,000 | Q2.Other                 | Stanford University  |  |
| Deciphering the function and regulation of AUTS2   | \$28,000  | Q2.Other                 | University of California, San Francisco                          |  |
| CRCNS: Ontology-based multi-scale integration of the autism phenome  | \$323,887 | Q7.O                     | Stanford University  |  |
| Controlled trial of sertraline in young children with Fragile X Syndrome   | \$285,177 | Q4.L.A                   | University of California, Davis                                  |  |
| Comparison of high to low intensity behavioral intervention  | \$121,029 | Q4.S.D                   | Center for Autism and Related Disorders (CARD)                   |  |
| Collaborative research: Modeling perception and memory: Studies in priming   | \$0       | Q2.Other                 | University of California, San Diego                              |  |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0       | Q1.L.B                   | University of Southern California                                |  |
| Collaborative partnerships   | \$200,000 | Q5.L.C                   | San Francisco State University                                   |  |
| Collaboration of Autism Specialists Training (COAST)<br>Program  | \$200,000 | Q5.Other                 | California State Los Angeles University Auxiliary Services, Inc. |  |
| Cognitive control in autism  | \$152,627 | Q2.Other                 | University of California, Davis                                  |  |
| Cognitive behavioral therapy for core autism symptoms in school-age children   | \$150,000 | Q4.L.D                   | University of California, Los Angeles                            |  |
| Characterizing sleep disorders in autism spectrum disorder   | \$112,064 | Q2.S.E                   | Stanford University  |  |
| Centers for Autism and Developmental Disabilities<br>Research and Epidemiology (CADDRE) - California                                 | \$900,000 | Q3.L.D                   | Kaiser Foundation Research Institute                             |  |

| Project Title  | Funding     | Strategic Plan Objective | Institution                             |
|--|-------------|--------------------------|---|
| Center for Genomic and Phenomic Studies in Autism supplement)  | \$141,462   | Q3.S.C                   | University of Southern California       |
| Center for Genomic and Phenomic Studies in Autism  | \$2,032,846 | Q3.S.C                   | University of Southern California       |
| Cellular structure of the amygdala in autism   | \$51,326    | Q1.L.B                   | University of California, Davis         |
| Cellular density and morphology in the autistic temporal numan cerebral cortex   | \$345,910   | Q2.Other                 | University of California, Davis         |
| Cellular characterization of Caspr2  | \$24,666    | Q2.Other                 | University of California, San Diego     |
| Cell adhesion molecules in CNS development   | \$535,691   | Q2.Other                 | Scripps Research Institute              |
| CAREER: Dissecting the neural mechanisms for face letection  | \$0         | Q2.Other                 | California Institute of Technology      |
| Behavioral and physiological consequences of disrupted<br>Met signaling  | \$800,000   | Q4.S.B                   | University of Southern California       |
| BDNF and the restoration of synaptic plasticity in fragile K and autism  | \$490,756   | Q2.S.D                   | University of California, Irvine        |
| Autism Treatment Network (ATN) 2011- Children's<br>Hospital Los Angeles  | \$140,000   | Q7.N                     | Children's Hospital Los Angeles         |
| Autism risk, prenatal environmental exposures, and bathophysiologic markers  | \$1,858,222 | Q3.S.C                   | University of California, Davis         |
| Autism iPSCs for studying function and dysfunction in numan neural development   | \$481,461   | Q4.S.B                   | Scripps Research Institute              |
| Autism Intervention Research Network on Behavioral Health (AIR-B network)  | \$1,930,288 | Q4.S.D                   | University of California, Los Angeles   |
| Autism intervention challenges for low-income hildren  | \$99,988    | Q5.S.A                   | University of California, Los Angeles   |
| Autism and the insula: Genomic and neural circuits   | \$506,341   | Q2.Other                 | California Institute of Technology      |
| Augmentation of the cholinergic system in fragile X syndrome: a double-blind placebo study                                   | \$237,600   | Q2.S.D                   | Stanford University                     |
| Atypical architecture of prefrontal cortex in young children with autism   | \$565,183   | Q2.Other                 | University of California, San Diego     |
| A stem cell based platform for identification of common defects in autism spectrum disorders                                 | \$28,000    | Q2.S.D                   | Scripps Research Institute              |
| Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes | \$91,292    | Q4.L.A                   | Stanford University                     |
| A sex-specific dissection of autism genetics   | \$150,000   | Q2.S.B                   | University of California, San Francisco |
| role for immune molecules in cortical connectivity:<br>otential implications for autism                                      | \$0         | Q2.S.A                   | University of California, Davis         |
| Are autism spectrum disorders associated with leaky-gut at an early critical period in development?                          | \$302,820   | Q1.L.A                   | University of California, San Diego     |
| A probiotic therapy for autism   | \$62,500    | Q4.S.B                   | California Institute of Technology      |

| Project Title  | Funding     | Strategic Plan Objective | Institution                           |
|--|-------------|--------------------------|---------------------------------------|
| A novel parent directed intervention to enhance anguage development in nonverbal children with ASD | \$28,000    | Q4.S.G                   | University of California, Los Angeles |
| An open resource for autism iPSCs and their derivatives  | \$561,337   | Q7.D                     | Children's Hospital of Orange County  |
| A non-human primate autism model based on maternal infection                                       | \$200,000   | Q2.S.A                   | California Institute of Technology    |
| A non-human primate autism model based on maternal mmune activation                                | \$75,629    | Q2.S.A                   | University of California, Davis       |
| Annual SFARI Meeting   | \$463,909   | Q7.K                     | N/A                                   |
| neuroimaging study of twin pairs with autism   | \$625,808   | Q2.S.G                   | Stanford University                   |
| natomy of primate amygdaloid complex   | \$75,629    | Q2.Other                 | University of California, Davis       |
| analyses of brain structure and connectivity in young whildren with autism                         | \$249,000   | Q1.L.B                   | University of California, Davis       |
| A genome-wide search for autism genes in the SSC JCLA  | \$0         | Q3.L.B                   | University of California, Los Angeles |
| A functional genomic analysis of the cerebral cortex   | \$85,471    | Q2.Other                 | University of California, Los Angeles |
| A centralized standard database for the Baby Siblings Research Consortium                          | \$81,803    | Q7.C                     | University of California, Davis       |
| ACE Network: A multi-site randomized study of intensive reatment for toddlers with autism          | \$2,819,081 | Q4.S.D                   | University of California, Davis       |
| ACE Network: A comprehensive approach to dentification of autism susceptibility genes              | \$2,759,732 | Q3.L.B                   | University of California, Los Angeles |
| ACE Center: Understanding repetitive behavior in autism  | \$257,803   | Q4.L.A                   | University of California, Los Angeles |
| ACE Center: The Imaging Core   | \$326,257   | Q7.Other                 | University of California, Los Angeles |
| ACE Center: The Diagnostic and Assessment Core   | \$310,925   | Q7.Other                 | University of California, Los Angeles |
| ACE Center: The development of the siblings of children with autism: A longitudinal study          | \$309,408   | Q1.L.B                   | University of California, Los Angeles |
| ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders           | \$398,723   | Q3.L.B                   | University of California, San Diego   |
| ACE Center: Optimizing social and communication outcomes for toddlers with autism                  | \$303,029   | Q4.L.D                   | University of California, Los Angeles |
| ACE Center: MRI studies of early brain development in autism                                       | \$349,341   | Q1.L.A                   | University of California, San Diego   |
| ACE Center: Mirror neuron and reward circuitry in autism   | \$302,654   | Q2.Other                 | University of California, Los Angeles |
| ACE Center: Integrated Biostatistical and Bionformatic Analysis Core (IBBAC)                       | \$205,018   | Q1.L.A                   | University of California, San Diego   |
| CE Center: Imaging the autistic brain before it knows it as autism                                 | \$197,682   | Q2.Other                 | University of California, San Diego   |
| ACE Center: Imaging autism biomarkers + risk genes   | \$263,940   | Q3.Other                 | University of California, San Diego   |

| Project Title  | Funding   | Strategic Plan Objective | Institution                           |
|--|-----------|--------------------------|---------------------------------------|
| ACE Center: Genetics of language & social communication: Connecting genes to brain & cognition | \$324,642 | Q2.S.G                   | University of California, Los Angeles |
| ACE Center: Clinical Phenotype: Treatment Response Core  | \$176,168 | Q4.Other                 | University of California, San Diego   |
| ACE Center: Clinical Phenotype: Recruitment and Assesment Core                                 | \$310,430 | Q1.L.A                   | University of California, San Diego   |
| ACE Center: Administrative Core  | \$32,936  | Q7.Other                 | University of California, San Diego   |
| Abnormal connectivity in autism  | \$15,000  | Q2.Other                 | University of California, Los Angeles |
| 3/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD                  | \$393,205 | Q4.L.C                   | University of California, Los Angeles |
| 16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery                      | \$0       | Q4.S.B                   | Stanford University                   |
| 1/3-Multisite RCT of early intervention for spoken communication in autism                     | \$541,313 | Q4.S.F                   | University of California, Los Angeles |